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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gilbert Wolrich et al. Art Unit: 2144
Serial No.: 09/476,303 Examiner:
Filed : December 30, 1999 Marc D. Thompson
Assignee : Intel Corporation
Title : PORT BLOCKING TECHNIQUE FOR MAINTAINING RECEIVE
 PAKCET ORDERING FOR A MULTIPLE ETHERNET PORT SWITCH

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and Form PTO-1449 that was filed in the U.S. Patent Office on May 25, 2004 (copy enclosed).

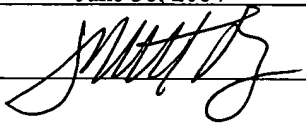
This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Copies of the prior art designated Design ID nos. FQ, FAA, GA, and GB in the attached Form PTO-1449 were inadvertently omitted from the submission filed on May 25, 2004 for the above-referenced case. Copies of these documents are filed herewith.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit June 30, 2004

Signature 

Jennifer H. Payne
Typed or Printed Name of Person Signing Certificate

Applicant : Gilbert Wolrich et al.
Serial No.: 09/476,303
Filed : December 30, 1999

Attorney's Docket No.:10559-133001

Note that Design ID no. FQ is now published, U.S. Publication No. US 2004/0109369, published June 10, 2004, a copy of which is enclosed.

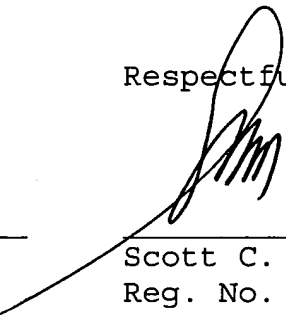
The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6/30/04



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Attor. Docket 10559-133001 / P7872

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

Applicant : Gilbert Wolrich et al. Art Unit : 2144
Serial No. : 09/476,303 Examiner : Marc D. Thompson
Filed : December 30, 1999
Title : PORT BLOCKING TECHNIQUE FOR MAINTAINING RECEIVE PACKET
ORDERING FOR A MULTIPLE ETHERNET PORT SWITCH

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant discloses the documents listed on the attached form PTO-1449.

This filing is being made with the filing of a Request for Continued Examination. No fee is required. Please apply any other charges to deposit account 06-1050, referencing attorney docket 10559-133001.

Respectfully submitted,

Date: 5/25/2004

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Rex Huang* for
Denis G. Maloney, Reg. No. 29,670

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* See attached document certifying that Rex Huang has limited recognition to practice before the U.S. Patent and Trademark Office under 37 CFR § 10.9(b).

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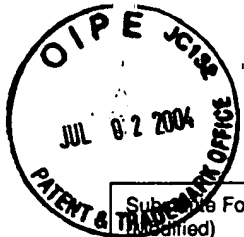
Date of Deposit

Signature

May 25, 2004
Deborah R. Nast

Deborah R. Nast

Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-133001	Application No. 09/476,303
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date 12/30/99	Group Art Unit 2144

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,694,380	02/17/2004	Wolrich et al.			
	AB	6,681,300	01/20/2004	Wolrich et al.			
	AC	6,668,317	12/23/2003	Bernstein et al.			
	AD	6,667,920	06/09/2003	Wolrich et al.			
	AE	6,661,794	12/09/2003	Wolrich et al.			
	AF	6,631,462	10/07/2003	Wolrich et al.			
	AG	6,631,430	10/07/2003	Wolrich et al.			
	AH	6,625,654	09/23/2003	Wolrich et al.			
	AI	6,606,704	08/12/2003	Adiletta et al.			
	AJ	6,587,906	07/01/2003	Wolrich et al.			
	AK	6,584,522	06/24/2003	Wolrich et al.			
	AL	6,577,542	06/10/2003	Wolrich et al.			
	AM	6,560,667	05/06/2003	Wolrich et al.			
	AN	6,552,826	04/22/2003	Adler et al.			
	AO	6,532,509	03/11/2003	Wolrich et al.			
	AP	6,463,072	10/08/2002	Wolrich et al.			
	AQ	6,434,145	08/13/2002	Opsasnick et al.			
	AR	6,430,626	08/06/2002	Witkowski et al.			
	AS	6,427,196	07/30/2002	Adiletta et al.			
	AT	6,426,940	07/30/2002	Seo et al.			
	AU	6,415,338	07/02/2002	Habot			
	AV	6,389,449	05/14/2002	Nermirovsky et al.			
	AW	6,373,848	04/16/2002	Allison et al.			
	AX	6,356,692	03/12/2002	Kasper et al.			
	AY	6,347,344	02/12/2002	Baker et al.			
	AZ	6,345,334	02/05/2002	Nakagawa et al.			
	AAA	6,324,624	11/27/01	Wolrich et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA	6,307,789	10/23/2001	Wolrich et al.			
	BB	6,298,370	10/02/2001	Tang et al.			
	BC	6,289,011	09/11/2001	Seo et al.			
	BD	6,279,113	08/21/2001	Vaidya			
	BE	6,275,505	08/14/2001	O'Loughlin et al.			
	BF	6,272,616	08/07/2001	Fernando et al.			
	BG	6,256,713	07/03/2001	Audityan et al.			
	BH	6,247,025	06/12/2001	Bacon			
	BI	6,223,279	04/24/2001	Nishimura et al.			
	BJ	6,223,238	04/24/2001	Meyer et al.			
	BK	6,216,220	04/10/2001	Hwang			
	BL	6,212,611	04/03/2001	Nizar et al.			
	BM	6,212,542	04/03/2001	Kahle et al.			
	BN	6,201,807	03/18/2001	Prasanna			
	BO	6,199,133	03/06/2001	Schnell			
	BP	6,195,676	02/27/2001	Spix et al.			
	BQ	6,182,177	01/30/2001	Harriman			
	BR	6,160,562	12/12/2000	Chin et al.			
	BS	6,157,955	12/05/2000	Narad et al.			
	BT	6,145,054	11/07/2000	Mehrotra et al.			
	BU	6,144,669	11/07/2000	Williams et al.			
	BV	6,134,665	10/17/2000	Klein et al.			
	BW	6,112,016	08/29/2000	MacWilliams et al.			
	BX	6,092,158	07/18/2000	Harriman et al.			
	BY	6,092,127	07/18/2000	Tausheck			
	BZ	6,085,294	07/04/2000	Van Doren et al.			
	BAA	6,085,215	07/04/2000	Ramakrishnan et al.			

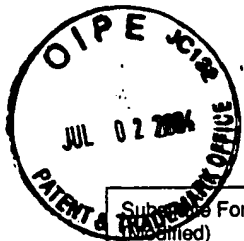
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CA	6,079,008	06/20/2000	Clery, III			
	CB	6,073,213	06/06/2000	Snyder			
	CC	6,072,781	06/06/2000	Feeney et al.			
	CD	6,070,231	05/30/2000	Ottinger			
	CE	6,067,585	05/23/2000	Hoang			
	CF	6,058,168	05/02/2000	Braband			
	CG	6,023,742	02/08/2000	Ebeling et al.			
	CH	6,014,729	01/11/2000	Lannan et al.			
	CI	5,983,274	11/09/1999	Hyder et al.			
	CJ	5,978,838	11/02/1999	Mohammed et al.			
	CK	5,978,838	11/02/1999	Heinrich et al.			
	CL	5,970,013	10/19/1999	Fischer et al.			
	CM	5,961,628	10/05/1999	Nguyen et al.			
	CN	5,958,031	09/28/1999	Kime			
	CO	5,948,081	09/07/1999	Foster			
	CP	5,946,487	08/31/1999	Dangelo			
	CQ	5,940,866	08/17/1997	Chisholm et al.			
	CR	5,940,612	08/17/1999	Brady et al.			
	CS	5,937,187	08/21/1995	Kosche et al.			
	CT	5,928,736	08/17/1999	Muller et al.			
	CU	5,915,123	06/22/1999	Mirsky et al.			
	CV	5,905,889	05/18/1999	Wilhelm, Jr.			
	CW	5,905,876	08/18/1999	Pawlowski et al.			
	CX	5,892,979	04/06/1999	Shiraki et al.			
	CY	5,890,208	03/30/1999	Kwon			
	CZ	5,887,134	03/23/1999	Ebrahim			
	CAA	5,886,992	03/23/1999	Raatikaen et al.			

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Substitute Form PTO-1449 (Prescribed)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-133001	Application No. 09/476,303
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	DA	5,860,158	01/12/1999	Pai et al.			
	DB	5,854,922	12/29/1998	Gravenstein et al.			
	DC	5,835,755	11/10/1998	Stellwagen, Jr.			
	DD	5,832,215	11/03/1998	Kato et al.			
	DE	5,828,863	10/27/1998	Barrett et al.			
	DF	5,812,868	11/22/1998	Moyer et al.			
	DG	5,809,530	09/15/1998	Samra et al.			
	DH	5,797,043	08/18/1998	Lewis et al.			
	DI	5,796,413	08/18/1998	Shipp et al.			
	DJ	5,784,712	07/21/1998	Byers et al.			
	DK	5,784,649	07/21/1998	Begur et al.			
	DL	5,781,774	07/14/1998	Krick			
	DM	5,761,522	06/02/1998	Hisanga et al.			
	DN	5,751,987	04/12/1998	Mahant-Shetti et al.			
	DO	5,745,913	04/28/1998	Pattin et al.			
	DP	5,742,822	04/21/1998	Motomura			
	DQ	5,742,782	04/21/1998	Ito et al.			
	DR	5,721,870	02/24/1998	Matsumoto			
	DS	5,717,898	02/10/1998	Kagan et al.			
	DT	5,699,537	12/16/1997	Sharangpani et al.			
	DU	5,689,566	11/18/1997	Nguyen			
	DV	5,680,641	10/21/1997	Sidman			
	DW	5,659,687	08/19/1997	Kim et al.			
	DX	5,649,157	07/15/1997	Williams			
	DY	5,644,623	07/01/1997	Gutledge			
	DZ	5,630,641	05/13/1997	Perotto et al.			
	DAA	5,627,829	05/06/1997	Gleeson et al.			

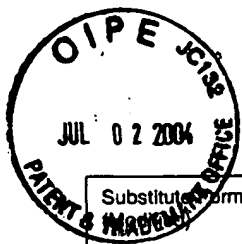
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	EA	5,623,489	04/22/1997	Cotton et al.			
	EB	5,613,136	03/18/1997	Casavant et al.			
	EC	5,613,071	03/18/1997	Rankin et al.			
	ED	5,592,622	01/07/1997	Isfeld et al.			
	EE	5,574,922	11/12/1996	James			
	EF	5,568,617	10/22/1996	Kametani			
	EG	5,557,766	09/17/1996	Takiguchi et al.			
	EH	5,542,088	07/30/1996	Jennings, Jr. et al.			
	EI	5,542,070	07/30/1996	LeBlanc et al.			
	EJ	5,517,648	05/14/1996	Bertone et al.			
	EK	5,467,452	11/14/1995	Blum et al.			
	EL	5,459,842	10/17/1995	Begun et al.			
	EM	5,452,437	09/19/1995	Richey et al.			
	EN	5,450,351	09/12/1995	Heddes			
	EO	5,448,702	09/05/1995	Garcia, Jr. et al.			
	EP	5,432,918	07/11/1995	Stamm			
	EQ	5,404,484	04/04/1995	Bennett			
	ER	5,404,482	04/04/1995	Stamm et al.			
	ES	5,392,412	02/21/1995	McKenna			
	ET	5,392,411	02/21/1995	Ozaki			
	EU	5,392,391	02/21/1995	Caulk, Jr. et al.			
	EV	5,390,329	02/14/1995	Gaertner et al.			
	EW	5,367,678	11/22/1994	Lee et al.			
	EX	5,347,648	09/13/1994	Stamm et al.			
	EY	5,263,169	11/16/1993	Genusov et al.			
	EZ	5,255,239	10/19/1993	Taborn et al.			
	EAA	5,173,897	12/22/1992	Schrodi et al.			

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	FA	5,173,897	12/22/1992	Pfeiffer et al.			
	FB	5,168,555	12/01/1992	Byers et al.			
	FC	5,155,854	10/13/1992	Flynn et al.			
	FD	5,155,831	10/13/1992	Emma et al.			
	FE	5,142,683	08/25/1992	Burkhardt, Jr. et al.			
	FF	5,140,685	08/18/1992	Sipple et al.			
	FG	4,866,664	09/12/1989	Burkhardt, Jr. et al.			
	FH	4,745,544	05/17/1988	Renner et al.			
	FI	4,523,272	06/11/1985	Fukunaga et al.			
	FJ	4,514,807	04/30/1985	Nogi			
	FK	4,400,770	08/23/1983	Chan et al.			
	FL	4,130,890	12/19/1978	Adam			
	FM	3,940,745	02/24/1976	Sajeva			
	FN	3,792,441	02/12/1974	Wymore et al.			
	FO	3,478,322	11/11/1969	Evans			
	FP	3,373,408	03/12/1968	Ling			
	FQ	10/726,757	12/03/2003	Wolrich et al.			
	FR	10/684,078	10/10/2003	Wolrich et al.			
	FS	10/664,202	09/16/2003	Wolrich et al.			
	FT	10/644,337	08/20/2003	Wolrich et al.			
	FU	10/643,438	08/19/2003	Bernstein et al.			
	FV	10/615,500	07/08/2003	Adiletta			
	FW	10/615,280	07/08/2003	Wolrich et al.			
	FX	10/449,079	05/15/2003	Wolrich et al.			
	FY	10/208,264	07/30/2002	Adiletta et al.			
	FZ	09/476,303	12/30/1999	Wolrich et al.			
	FAA	09/475,614	12/30/1999	Wolrich at al.			

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	GA	09/473,571	12/28/1999	Wolrich et al.			
	GB	09/387,109	08/31/1999	Adiletta et al.			

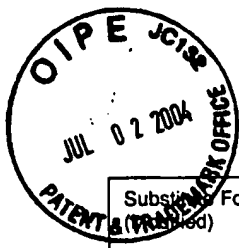
Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	GC	WO 01/50679	07/12/2001	WIPO				
	GD	WO 01/50247	07/12/2001	WIPO				
	GE	WO 01/48619	07/05/2001	WIPO				
	GF	WO 01/48606	07/05/2001	WIPO				
	GG	WO 01/48596	07/05/2001	WIPO				
	GH	WO 01/16782	03/08/2001	WIPO				
	GI	WO 01/16770	03/08/2001	WIPO				
	GJ	WO 01/16769	03/08/2001	WIPO				
	GK	WO 01/15718	03/08/2001	WIPO				
	GL	WO 97/38372	10/16/1997	WIPO				
	GM	WO 94/15287	07/07/1994	WIPO				
	GN	EP 0 809 180	11/26/1997	Europe				
	GO	EP 0 745 933	12/04/1996	Europe				
	GP	EP 0 633 678	01/11/1995	Europe				
	GQ	EP 0 464 715	01/08/1992	Europe				
	GR	EP 0 379 709	08/01/1990	Europe				
	GS	59111533	06/27/1984	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	GT	Byrd et al., "Multithread Processor Architectures," <i>IEEE Spectrum</i> , Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
	GU	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	HA	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
	HB	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
	HC	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
	HD	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
	HE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
	HF	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
	HG	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
	HH	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
	HI	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
	HJ	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines," 1998.
	HK	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
	HL	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
	HM	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

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